

Welcome to **UNM**

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UNM Vice President for Research

Science, Technology and Telecommunications Committee

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ACADEMICS & RESEARCH

Old Wagner Hall



Harvard

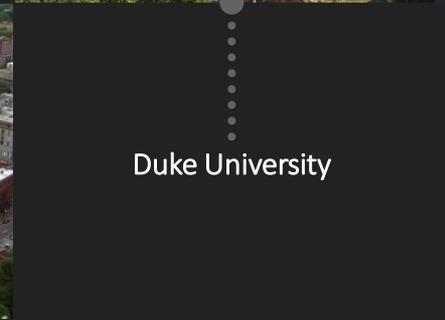


UNM

Centennial
Engineering Center



Duke University



BIOSENSING

HYBRID MATERIALS

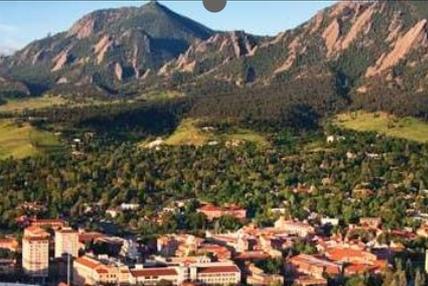
BIOSEPARATIONS

BIOFOULING MITIGATION

UC Boulder



University of Washington

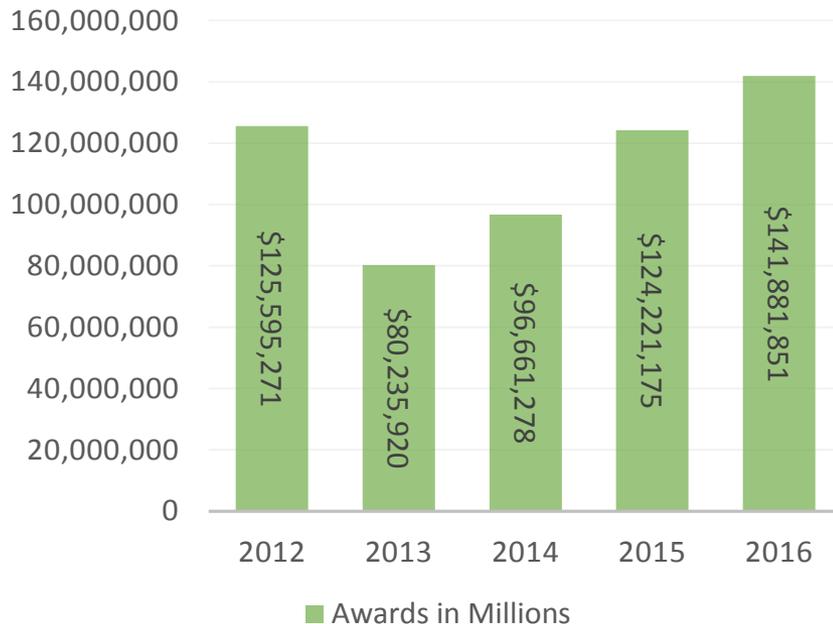


UNM RESEARCH METRICS

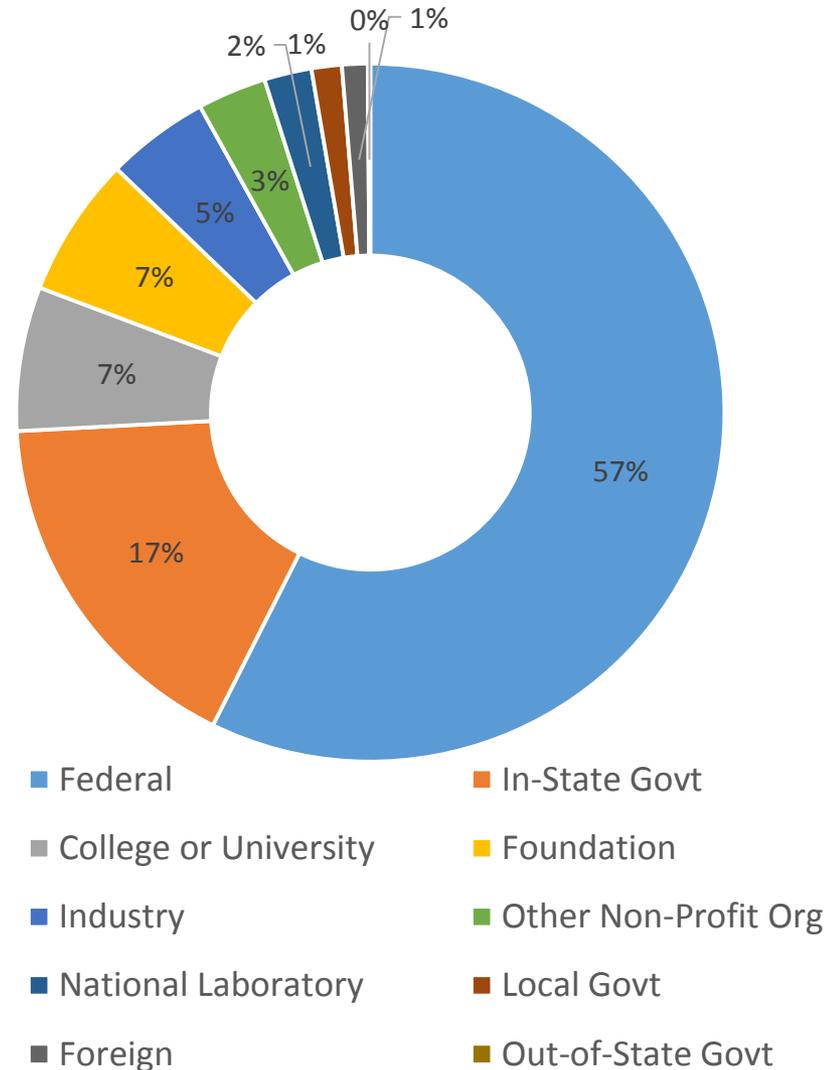
365

Active Principal Investigators

Main & Branch Campus Award \$ (5-Year Trend)



Award \$ by Source FY16



THE FUTURE OF UNM RESEARCH

VISION

UNM WILL DRAMATICALLY ENHANCE ITS RESEARCH EXCELLENCE SUCH THAT ITS CULTURE OF SCHOLARLY CREATIVITY, DISCOVERY, AND INNOVATION IS RECOGNIZED INTERNATIONALLY, IS AN INTEGRAL PART OF EDUCATION, AND IS A SOURCE OF INSPIRATION FOR ALL NEW MEXICANS.

Research Strategic Plan Working Groups

- Environmental Scan
- Research Excellence
- Gov. Relations/State Legislative Priorities
- Human Capital
- Infrastructure
- Industrial Relations

MISSION

To significantly enhance capacity and competitiveness and impact in world class research and creative activity by:

- tenure track, tenured and research faculty members,
- graduate students and postdoctoral fellows,
- research staff and
- undergraduates.

BUILDING THE PATH FOR A CONNECTED FUTURE

Industrial Relations Office

Higher education institutions should continue to incorporate innovation into their education models, using nationally developed best practices for doing so. Innovation should be implemented through the strategic plan and mission of the institution, primarily for the purpose of improved student learning outcomes.

New Mexico's higher education research institutions should consolidate and coordinate all corporate relations under one office, including the following corporate interactions with the institution:

- Corporate Sponsored Research
- Use of University Laboratories and Equipment
- Access to Student Talent
- Philanthropic Investment
- Workforce Development
- Technical and Scientific Services
- Technology Transfer and Licensing
- Corporate Partnerships
- Infrastructure Development and Relocation Opportunities

The legislature should consider reallocating funds for the initial implementation and development of consolidating corporate relations at the higher education research institutions from other funds currently used for economic development that LFC analysis indicates may be ineffective or inefficient on a cost-per-job basis.

BUILDING THE PATH FOR A CONNECTED FUTURE

ICON Proposal: Fraunhofer ICT and UNM

Establishing of a non-for profit organization, a partner in Fraunhofer USA, to focus on academic, industrial and national laboratories collaborations as a center of excellence in energy materials science and engineering in New Mexico.

O B J E C T I V E S

- ❑ The long term goal of the collaboration is to initiate the foundation of a Fraunhofer Center in Albuquerque
- ❑ Fraunhofer ICT strives to enhance its visibility and market access in the US and North America through the coordination and collaboration with this future Centre.
- ❑ *UNM strives to establish the Fraunhofer Center as knowledge & technology transfer facility for UNM in collaboration certain selected working groups of Department of Energy National Laboratories in the region: Sandia National Laboratories, Los Alamos National Laboratory and National Renewable Energy Laboratory.*
- ❑ On a short term perspective the collaboration will focus on combining the complimentary strengths of the Department for Applied Electrochemistry and the UNM Center for Micro- Engineered Materials in Electro Catalysis to initiated innovative solutions

Questions?